



CALIFORNIA AGRICULTURAL EMPLOYMENT AND EARNINGS BULLETIN

October 1993

SEPTEMBER 1993

This bulletin covers 27 agricultural industries in the state of California. The number of industries range from five to seventeen within each of six geographic regions. The regions are the San Joaquin Valley, South Coast, Desert, Central Coast, Sacramento Valley and North Coast (refer to map for details). The data are organized into the following tables by state and region:

- Wage and Salary Workers (Table A).
- Agricultural Production Workers (Table B).
- Average Weekly Earnings of Production Workers (Table C).
- Average Hours Worked by Production Workers (Table D).
- Average Hourly Earnings of Production Workers (Table E).

Agricultural employment in California totalled 434,000 in September, almost unchanged from the August level of 434,200. (Table 1-A.) This was three percent above the September 1992 total. Employment increased in the South Coast (Fruits and Tree Nuts and Farm Labor Contracting), the Central Coast (Fruits and Tree Nuts and Farm Labor Contracting), the Desert (Citrus Fruits and Grapes) and in the North Coast (Grapes, Fruits and Tree Nuts and Agricultural Services). Offsetting these gains were declines in the San Joaquin Valley (Deciduous Tree Fruits and Crop Preparation Services for Market) and in the Sacramento Valley (Deciduous Tree Fruits and Farm Labor Contracting).

Wage and Salary Workers in Agricultural Establishments

For September

1993

(In Thousands)

Industry	State- wide	San Joaquin	South Coast	Central Coast	Desert	Sacra- mento	North Coast
Total Agricultural	434.0	221.4	58.7	71.1	27.4	34.7	21.2
Total Crops	249.8	111.4	40.0	46.4	11.0	25.5	15.9
Total Livestock	25.8	12.9	2.3	1.0	5.4	2.1	2.0
Total Services	158.4	97.1	16.4	23.7	11.0	7.1	3.3

Source: Tables 1-A through 7-A.

CHANGES FROM ONE YEAR AGO

Statewide employment was 14,000 above the September 1992 total. Grapes and General Crop Farms accounted for most of this gain. All regions recorded employment levels above their year ago totals. (Tables 1-A through 7-A.)

The average hourly earnings figure in California for September 1993 was \$6.52, ten cents below the year ago level. (Table 1-E).

REGIONAL CROP ACTIVITIES

According to the California Farm Labor Report (881A), the major regional crop activities during September were:

- Desert: None.
- South Coast: Broccoli and strawberries (harvest), tomatoes and horticulture (plant, cultivate & harvest).
- Central Coast: Lettuce, cauliflower, bell peppers and strawberries (harvest), miscellaneous vegetables (preharvest & harvest), horticulture (plant, cultivate & harvest).
- San Joaquin Valley: Plums, melons, tomatoes -cannery & market- chili peppers, almonds, pistachios, sweet potatoes, corn for silage, olives, grapes -table, raisin & wine - and Valencia oranges (harvest); miscellaneous vegetables (plant, cultivate & harvest); raisin grapes (roll trays & turn trays).
- Sacramento Valley: None.
- North Coast: Wine grapes (harvest).

AGRICULTURAL PRODUCTION WORKERS

Statewide agricultural production worker employment was 405,600 in September, only a slight change from the August level of 405,900. (Table 1-B.)

Average weekly earnings for California's production workers were \$289.49 in September. The region with the lowest weekly earnings was the South Coast, at \$277.55. The highest weekly earnings were in the Central Coast, at \$307.33 (Tables 1-C through 7-C.)

The statewide average hourly work week was 44.4 hours in September, 1.2 hours above the August level. The average hourly work week ranged from 37.1 hours in the North Coast to 48.4 hours in the Sacramento Valley. (Tables 1-D through 7-D.)

Average Hourly Earnings of Production Workers

For September 1993

(In Dollars per Hour)

Industry	State-wide	San Joaquin	South Coast	Central Coast	Desert	Sacramento	North Coast
Total Agricultural	6.52	6.24	6.64	7.30	6.84	6.17	7.69
Total Crops	6.56	6.32	6.58	7.08	6.55	6.29	7.69
Total Livestock	7.20	7.18	7.24	7.48	8.08	6.61	6.65
Total Services	6.35	6.03	6.68	7.76	6.51	5.63	8.52

Source: Tables 1-E through 7-E.

DATA SOURCES:

The data are obtained from two sources: the Employment Development Department (EDD) Unemployment Insurance (UI) files, and a monthly survey, conducted by the Labor Market Information Division of EDD, of 4,000 agricultural employers. This sample, about 14 percent of the employers, was selected to be statistically representative of the state's agricultural employers by size, geographic location and industry categories.

Sample data are gathered for the week that includes the 12th calendar day of the month; thus all data in these bulletins represent activities taking place during this mid-month period.

DATA COMMENTS:

ESTIMATES FOR THE STATE AND SIX REGIONS ARE INDEPENDENTLY DERIVED. THEREFORE, THE SUM OF THE REGIONAL ESTIMATES WILL NOT NECESSARILY EQUAL THE STATEWIDE TOTAL.

To aid in accurate usage and interpretation of the data, please note the following:

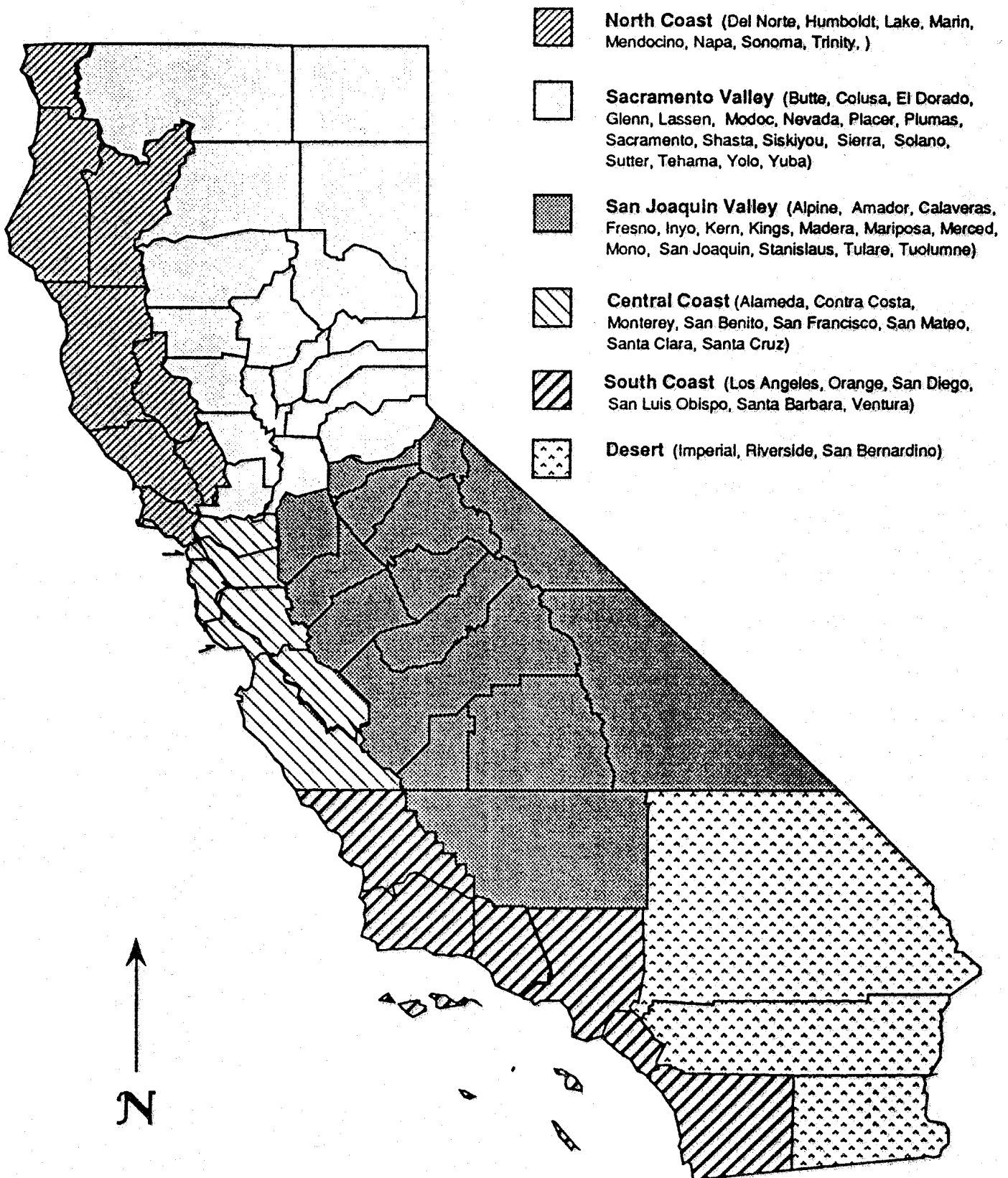
- Employment data do not include employers or unpaid family workers.
- Figures for the current month are preliminary and subject to revision.
- Total agricultural employment estimates in this bulletin are derived from a monthly sampling project: the Current Employment Statistics for Agriculture. Estimates in this bulletin will differ from other agricultural estimates published by this department because of differences in the number of agricultural industries covered and in the definition of workers.

If you wish to be placed on our mailing list to receive future issues of this publication, please send your name and address to: **Special Projects Unit, Labor Market Information Division, Employment Development Department, P.O. Box 826216, Sacramento, CA 94299-0019** or call (916) 262-2321. (Calnet 8-469-2321).

CES-AG REPORTING REGIONS

LABOR MARKET INFORMATION DIVISION

EMPLOYMENT DEVELOPMENT DEPARTMENT



CALIFORNIA

Wage and Salary Employment

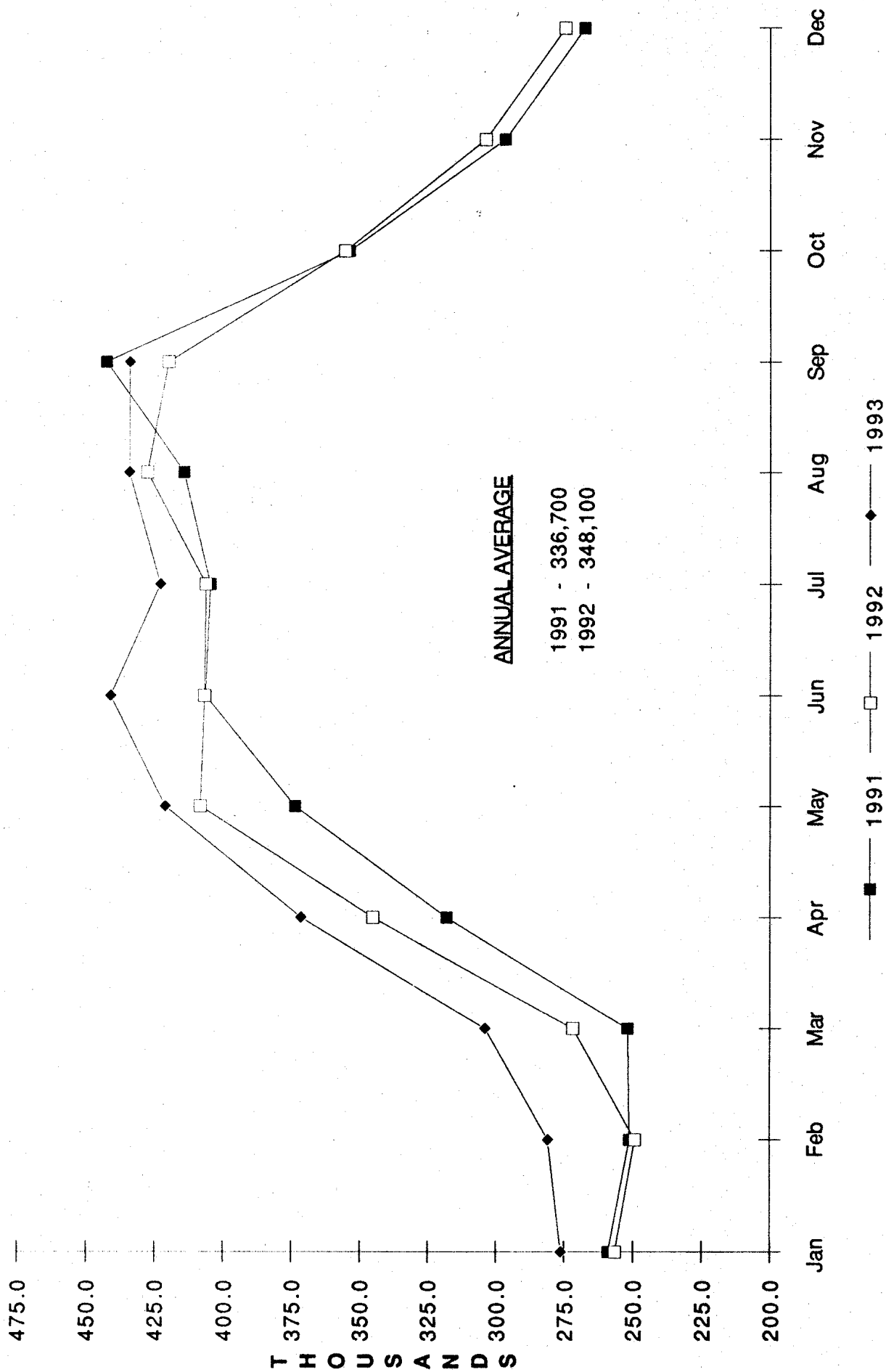


TABLE 1-A
WAGE AND SALARY WORKERS IN AGRICULTURAL ESTABLISHMENTS (1)
CALIFORNIA
(IN THOUSANDS)

INDUSTRY	SEP 1993	AUG 1993	SEP 1992
TOTAL AGRICULTURAL	434.0	434.2	420.0
TOTAL AGRICULTURAL PRODUCTION/CROPS	249.8	249.3	236.9
CASH GRAINS	3.3	3.3	3.3
RICE	2.0	1.8	1.8
OTHER CASH GRAINS	1.3	1.5	1.5
FIELD CROPS EXCEPT CASH GRAINS	11.4	12.2	11.9
COTTON	5.5	6.5	6.3
OTHER FIELD CROPS	5.9	5.7	5.6
VEGETABLES AND MELONS	35.7	36.6	33.4
TOTAL FRUITS AND TREE NUTS	122.6	118.7	117.0
BERRIES	14.9	16.0	14.8
GRAPES	58.4	49.5	55.3
TREE NUTS	10.5	8.1	10.6
CITRUS FRUITS	4.7	4.4	5.0
DECIDUOUS TREE FRUIT	17.4	24.2	18.3
OTHER FRUITS AND NUTS	16.7	16.5	13.0
TOTAL HORTICULTURAL SPECIALTIES	30.8	30.4	31.5
ORNAMENTAL FLORAL & NURSERY	27.3	27.0	28.0
FOOD CROPS GROWN UNDER COVER	3.5	3.4	3.5
GENERAL FARM PRIMARILY CROP	46.0	48.1	39.8
TOTAL AGRIC PRODUCTION/LIVESTOCK	25.8	26.0	26.5
BEEF CATTLE FEED LOTS	0.6	0.6	0.7
BEEF CATTLE EXCEPT FEED LOTS	3.7	3.7	3.8
DAIRY FARMS	13.3	13.4	13.4
CHICKEN EGGS	2.8	2.8	2.9
TURKEYS & TURKEY EGGS	1.1	1.1	1.1
OTHER LIVESTOCK	4.3	4.4	4.6
TOTAL AGRICULTURAL SERVICES	158.4	158.9	156.6
SOIL PREPARATION SERVICES	1.2	1.0	1.1

CROP SERVICES	47.5	50.4	47.9
PLANT CULTIVATE & PROTECTION	4.9	5.1	5.1
HARVEST PRIMARILY BY MACHINE	7.0	7.0	8.2
PREPARATION SVCS FOR MARKET	34.7	37.6	33.6
COTTON GINNING	0.9	0.7	1.0
TOTAL FARM LABOR & MANAGEMENT	109.7	107.5	107.6
FARM LABOR CONTRACTORS	97.0	96.6	96.7
FARM MANAGEMENT SERVICES	12.7	10.9	10.9

(1) WAGE AND SALARY WORKERS ARE ALL EMPLOYEES RECEIVING COMPENSATION FROM AGRICULTURAL EMPLOYERS.

TABLE 1-B
AGRICULTURAL PRODUCTION WORKERS (1)
CALIFORNIA
(IN THOUSANDS)

INDUSTRY	SEP 1993	AUG 1993	SEP 1992
TOTAL AGRICULTURAL	405.6	405.9	391.2
TOTAL AGRICULTURAL PRODUCTION/CROPS	231.7	231.4	217.7
CASH GRAINS	2.8	2.9	2.8
RICE	1.7	1.5	1.5
OTHER CASH GRAINS	1.1	1.4	1.3
FIELD CROPS EXCEPT CASH GRAINS	10.4	11.1	10.9
COTTON	5.0	6.0	5.9
OTHER FIELD CROPS	5.4	5.1	5.0
VEGETABLES AND MELONS	33.0	34.0	30.9
TOTAL FRUITS AND TREE NUTS	117.2	113.2	110.9
BERRIES	14.5	15.6	14.4
GRAPES	56.1	47.0	52.9
TREE NUTS	9.8	7.3	9.8
CITRUS FRUITS	4.3	4.0	4.6
DECIDUOUS TREE FRUIT	16.5	23.4	17.1
OTHER FRUITS AND NUTS	16.0	15.9	12.1
TOTAL HORTICULTURAL SPECIALTIES	25.5	25.1	25.8
ORNAMENTAL FLORAL & NURSERY	22.5	22.1	22.8
FOOD CROPS GROWN UNDER COVER	3.0	3.0	3.0
GENERAL FARM PRIMARILY CROP	42.8	45.1	36.4
TOTAL AGRIC PRODUCTION/LIVESTOCK	22.7	22.9	23.2
BEEF CATTLE FEED LOTS	0.5	0.5	0.6
BEEF CATTLE EXCEPT FEED LOTS	3.0	3.0	3.2
DAIRY FARMS	12.5	12.6	12.5
CHICKEN EGGS	2.2	2.2	2.1
TURKEYS & TURKEY EGGS	0.8	0.8	0.8
OTHER LIVESTOCK	3.7	3.8	4.0
TOTAL AGRICULTURAL SERVICES	151.2	151.6	150.3
SOIL PREPARATION SERVICES	1.0	0.8	0.9

CROP SERVICES	42.5	45.6	43.9
PLANT CULTIVATE & PROTECTION	4.2	4.4	4.2
HARVEST PRIMARILY BY MACHINE	6.5	6.7	7.9
PREPARATION SVCS FOR MARKET	31.2	34.0	31.1
COTTON GINNING	0.6	0.5	0.7
TOTAL FARM LABOR & MANAGEMENT	107.7	105.2	105.5
FARM LABOR CONTRACTORS	95.9	95.2	95.5
FARM MANAGEMENT SERVICES	11.8	10.0	10.0

(1) PRODUCTION WORKERS ARE EMPLOYEES ENGAGED IN COMMODITY PRODUCTION. EXCLUDED ARE MANAGERS, SUPERVISORS, OFFICE, SALES AND OTHER STAFF NOT INVOLVED IN PRODUCTION.

TABLE 1-C
AVERAGE WEEKLY EARNINGS OF PRODUCTION WORKERS (1)
CALIFORNIA
(IN DOLLARS PER WEEK)

INDUSTRY	SEP 1993	AUG 1993	SEP 1992
TOTAL AGRICULTURAL	289.49	277.78	271.42
TOTAL AGRICULTURAL PRODUCTION/CROPS	290.61	287.17	281.65
CASH GRAINS	350.98	332.32	335.50
RICE	355.27	343.43	346.43
OTHER CASH GRAINS	344.96	320.16	322.61
FIELD CROPS EXCEPT CASH GRAINS	297.05	331.53	299.88
COTTON	293.29	334.47	298.82
OTHER FIELD CROPS	301.35	328.55	301.84
VEGETABLES AND MELONS	319.78	316.20	305.90
TOTAL FRUITS AND TREE NUTS	270.08	269.84	266.59
BERRIES	279.46	299.25	280.52
GRAPES	266.34	285.80	273.62
TREE NUTS	298.78	258.66	302.68
CITRUS FRUITS	283.14	280.30	264.58
DECIDUOUS TREE FRUIT	255.20	223.68	242.00
OTHER FRUITS AND NUTS	270.50	266.17	229.58
TOTAL HORTICULTURAL SPECIALTIES	318.08	306.86	309.97
ORNAMENTAL FLORAL & NURSERY	313.66	301.22	300.16
FOOD CROPS GROWN UNDER COVER	353.74	349.64	385.76
GENERAL FARM PRIMARILY CROP	300.99	286.12	277.47
TOTAL AGRIC PRODUCTION/LIVESTOCK	336.96	362.05	334.87
BEEF CATTLE FEED LOTS	371.68	418.62	356.78
BEEF CATTLE EXCEPT FEED LOTS	319.88	343.50	312.33
DAIRY FARMS	351.36	381.27	352.11
CHICKEN EGGS	310.28	317.68	318.19
TURKEYS & TURKEY EGGS	372.77	354.98	344.08
OTHER LIVESTOCK	302.00	330.17	302.12
TOTAL AGRICULTURAL SERVICES	280.04	251.14	246.26
SOIL PREPARATION SERVICES	518.26	515.35	514.36

CROP SERVICES	316.22	290.58	276.32
PLANT CULTIVATE & PROTECTION	319.37	351.10	309.94
HARVEST PRIMARILY BY MACHINE	337.56	258.46	276.58
PREPARATION SVCS FOR MARKET	309.89	288.40	271.60
COTTON GINNING	370.96	342.59	319.16
TOTAL FARM LABOR & MANAGEMENT	264.18	232.25	231.50
FARM LABOR CONTRACTORS	260.91	225.81	224.82
FARM MANAGEMENT SERVICES	288.65	288.14	291.62

(1) AVERAGE WEEKLY EARNINGS INCLUDE OVERTIME PAY AND PREMIUM WAGES. THESE ARE GROSS EARNINGS BEFORE DEDUCTIONS AND EXCLUDE THE VALUE OF HOUSING AND MEALS.

TABLE 1-D
AVERAGE HOURS WORKED BY PRODUCTION WORKERS (1)
CALIFORNIA
(IN HOURS PER WEEK)

INDUSTRY	SEP 1993	AUG 1993	SEP 1992
TOTAL AGRICULTURAL	44.4	43.2	41.0
TOTAL AGRICULTURAL PRODUCTION/CROPS	44.3	44.8	43.0
CASH GRAINS	50.5	50.2	50.3
RICE	48.6	48.1	49.0
OTHER CASH GRAINS	53.4	52.4	51.7
FIELD CROPS EXCEPT CASH GRAINS	45.7	51.4	47.6
COTTON	42.2	50.6	46.4
OTHER FIELD CROPS	49.0	52.4	49.0
VEGETABLES AND MELONS	44.6	46.5	43.7
TOTAL FRUITS AND TREE NUTS	42.2	42.9	40.7
BERRIES	44.5	47.5	43.9
GRAPES	39.4	43.5	39.2
TREE NUTS	50.3	43.4	50.7
CITRUS FRUITS	39.0	40.1	35.9
DECIDUOUS TREE FRUIT	44.0	38.9	40.2
OTHER FRUITS AND NUTS	44.2	43.0	38.2
TOTAL HORTICULTURAL SPECIALTIES	46.3	45.8	44.6
ORNAMENTAL FLORAL & NURSERY	46.4	46.2	44.6
FOOD CROPS GROWN UNDER COVER	46.0	42.9	44.7
GENERAL FARM PRIMARILY CROP	47.7	46.0	46.4
TOTAL AGRIC PRODUCTION/LIVESTOCK	46.8	49.8	46.9
BEEF CATTLE FEED LOTS	50.5	55.3	52.7
BEEF CATTLE EXCEPT FEED LOTS	42.2	45.8	45.2
DAIRY FARMS	48.8	52.3	48.3
CHICKEN EGGS	46.8	49.1	47.0
TURKEYS & TURKEY EGGS	54.9	53.3	54.1
OTHER LIVESTOCK	41.2	43.5	41.5
TOTAL AGRICULTURAL SERVICES	44.1	39.8	37.2
SOIL PREPARATION SERVICES	54.9	56.2	54.2

CROP SERVICES	43.2	41.1	38.7
PLANT CULTIVATE & PROTECTION	43.1	48.9	42.4
HARVEST PRIMARILY BY MACHINE	43.5	35.6	38.9
PREPARATION SVCS FOR MARKET	43.1	41.2	38.2
COTTON GINNING	43.9	40.4	40.4
TOTAL FARM LABOR & MANAGEMENT	44.4	39.1	36.4
FARM LABOR CONTRACTORS	44.6	38.6	35.8
FARM MANAGEMENT SERVICES	42.2	43.2	41.6

(1) AVERAGE HOURS ARE BASED ON FULL-TIME AND PART-TIME PRODUCTION WORKER DATA.

TABLE 1-E
AVERAGE HOURLY EARNINGS OF PRODUCTION WORKERS (1)
CALIFORNIA
(IN DOLLARS PER HOUR)

INDUSTRY	SEP 1993	AUG 1993	SEP 1992
TOTAL AGRICULTURAL	6.52	6.43	6.62
TOTAL AGRICULTURAL PRODUCTION/CROPS	6.56	6.41	6.55
CASH GRAINS	6.95	6.62	6.67
RICE	7.31	7.14	7.07
OTHER CASH GRAINS	6.46	6.11	6.24
FIELD CROPS EXCEPT CASH GRAINS	6.50	6.45	6.30
COTTON	6.95	6.61	6.44
OTHER FIELD CROPS	6.15	6.27	6.16
VEGETABLES AND MELONS	7.17	6.80	7.00
TOTAL FRUITS AND TREE NUTS	6.40	6.29	6.55
BERRIES	6.28	6.30	6.39
GRAPES	6.76	6.57	6.98
TREE NUTS	5.94	5.96	5.97
CITRUS FRUITS	7.26	6.99	7.37
DECIDUOUS TREE FRUIT	5.80	5.75	6.02
OTHER FRUITS AND NUTS	6.12	6.19	6.01
TOTAL HORTICULTURAL SPECIALTIES	6.87	6.70	6.95
ORNAMENTAL FLORAL & NURSERY	6.76	6.52	6.73
FOOD CROPS GROWN UNDER COVER	7.69	8.15	8.63
GENERAL FARM PRIMARILY CROP	6.31	6.22	5.98
TOTAL AGRIC PRODUCTION/LIVESTOCK	7.20	7.27	7.14
BEEF CATTLE FEED LOTS	7.36	7.57	6.77
BEEF CATTLE EXCEPT FEED LOTS	7.58	7.50	6.91
DAIRY FARMS	7.20	7.29	7.29
CHICKEN EGGS	6.63	6.47	6.77
TURKEYS & TURKEY EGGS	6.79	6.66	6.36
OTHER LIVESTOCK	7.33	7.59	7.28
TOTAL AGRICULTURAL SERVICES	6.35	6.31	6.62
SOIL PREPARATION SERVICES	9.44	9.17	9.49

CROP SERVICES	7.32	7.07	7.14
PLANT CULTIVATE & PROTECTION	7.41	7.18	7.31
HARVEST PRIMARILY BY MACHINE	7.76	7.26	7.11
PREPARATION SVCS FOR MARKET	7.19	7.00	7.11
COTTON GINNING	8.45	8.48	7.90
TOTAL FARM LABOR & MANAGEMENT	5.95	5.94	6.36
FARM LABOR CONTRACTORS	5.85	5.85	6.28
FARM MANAGEMENT SERVICES	6.84	6.67	7.01

(1) AVERAGE HOURLY EARNINGS ARE NOT HOURLY WAGE RATES; THEY ARE GROSS EARNINGS OF FULL-TIME AND PART-TIME PRODUCTION WORKERS DIVIDED BY TOTAL HOURS FOR PRODUCTION WORKERS.

SAN JOAQUIN

Wage and Salary Employer

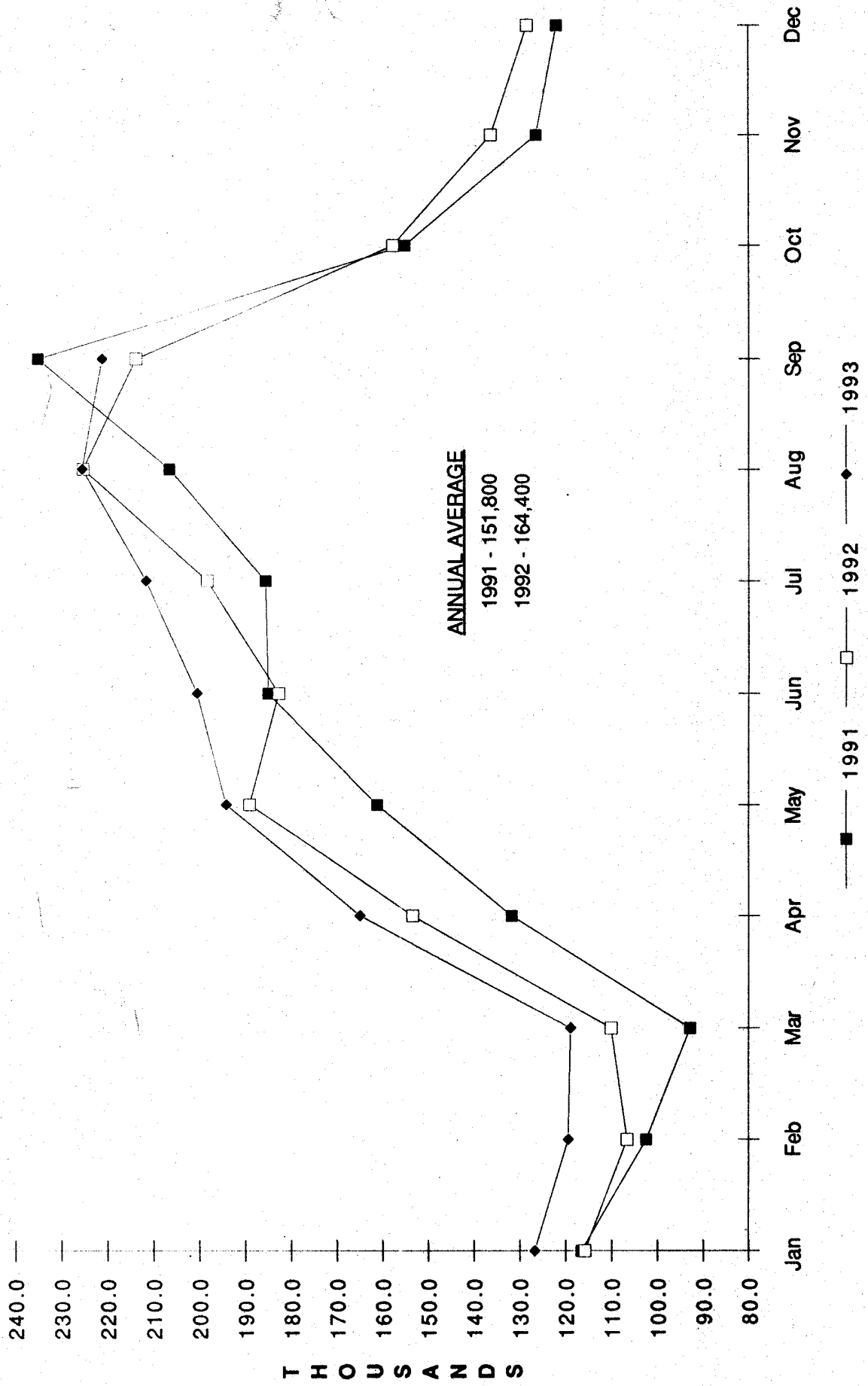


TABLE 2-A
WAGE AND SALARY WORKERS IN AGRICULTURAL ESTABLISHMENTS (1)
SAN JOAQUIN VALLEY REGION
(IN THOUSANDS)

INDUSTRY	SEP 1993	AUG 1993	SEP 1992
TOTAL AGRICULTURAL	221.4	225.7	214.0
TOTAL AGRICULTURAL PRODUCTION/CROPS	111.4	114.3	105.1
TOTAL FIELD CROPS	9.0	9.9	9.6
COTTON	5.4	6.3	6.1
OTHER FIELD CROPS	3.6	3.6	3.5
VEGETABLES AND MELONS	6.9	8.6	5.9
TOTAL FRUITS AND TREE NUTS	68.3	67.2	65.3
GRAPES	40.6	37.0	39.0
TREE NUTS	7.3	5.8	7.2
CITRUS FRUITS	2.0	2.1	2.2
DECIDUOUS TREE FRUIT	9.0	12.4	9.0
OTHER FRUITS AND NUTS	9.4	9.9	7.9
HORTICULTURAL SPECIALTIES	2.5	2.3	2.9
GENERAL FARM PRIMARILY CROP	24.7	26.3	21.4
TOTAL AGRIC PRODUCTION/LIVESTOCK	12.9	13.2	13.5
BEEF CATTLE FEED LOTS	0.2	0.2	0.2
BEEF CATTLE EXCEPT FEED LOTS	1.0	1.0	1.2
DAIRY FARMS	8.5	8.7	8.6
POULTRY & EGGS	2.0	2.1	2.2
OTHER LIVESTOCK	1.2	1.2	1.3
TOTAL AGRICULTURAL SERVICES	97.1	98.2	95.4
CROP SERVICES	22.2	24.3	24.4
PLANT CULTIVATE & PROTECTION	3.4	3.7	3.4
HARVEST PRIMARILY BY MACHINE	2.3	2.2	3.0
PREPARATION SVCS FOR MARKET	15.7	17.7	17.1
COTTON GINNING	0.8	0.7	0.9
TOTAL FARM LABOR & MANAGEMENT	74.9	73.9	71.0
FARM LABOR CONTRACTORS	68.8	67.9	65.5
FARM MANAGEMENT SERVICES	6.1	6.0	5.5

(1) WAGE AND SALARY WORKERS ARE ALL EMPLOYEES RECEIVING COMPENSATION FROM AGRICULTURAL EMPLOYERS.

TABLE 2-B
AGRICULTURAL PRODUCTION WORKERS (1)
SAN JOAQUIN VALLEY REGION
(IN THOUSANDS)

INDUSTRY	SEP 1993	AUG 1993	SEP 1992
TOTAL AGRICULTURAL	210.3	214.2	203.3
TOTAL AGRICULTURAL PRODUCTION/CROPS	105.8	108.8	99.5
TOTAL FIELD CROPS	8.0	9.0	8.8
COTTON	4.8	5.8	5.6
OTHER FIELD CROPS	3.2	3.2	3.2
VEGETABLES AND MELONS	6.4	8.1	5.5
TOTAL FRUITS AND TREE NUTS	66.4	65.1	63.0
GRAPES	39.9	36.3	38.4
TREE NUTS	6.9	5.3	6.5
CITRUS FRUITS	1.9	1.9	2.1
DECIDUOUS TREE FRUIT	8.7	12.0	8.6
OTHER FRUITS AND NUTS	9.0	9.6	7.4
HORTICULTURAL SPECIALTIES	2.1	1.9	2.5
GENERAL FARM PRIMARILY CROP	22.9	24.7	19.7
TOTAL AGRIC PRODUCTION/LIVESTOCK	11.8	12.1	12.3
BEEF CATTLE FEED LOTS	0.2	0.2	0.2
BEEF CATTLE EXCEPT FEED LOTS	0.9	0.9	1.0
DAIRY FARMS	7.9	8.1	8.0
POULTRY & EGGS	1.8	1.9	2.0
OTHER LIVESTOCK	1.0	1.0	1.1
TOTAL AGRICULTURAL SERVICES	92.7	93.3	91.5
CROP SERVICES	19.0	20.9	21.7
PLANT CULTIVATE & PROTECTION	2.9	3.2	2.8
HARVEST PRIMARILY BY MACHINE	2.0	1.9	2.7
PREPARATION SVCS FOR MARKET	13.6	15.4	15.6
COTTON GINNING	0.5	0.4	0.6
TOTAL FARM LABOR & MANAGEMENT	73.7	72.4	69.8
FARM LABOR CONTRACTORS	67.9	66.8	64.9
FARM MANAGEMENT SERVICES	5.8	5.6	4.9

(1) PRODUCTION WORKERS ARE EMPLOYEES ENGAGED IN COMMODITY PRODUCTION. EXCLUDED ARE MANAGERS, SUPERVISORS, OFFICE, SALES AND OTHER STAFF NOT INVOLVED IN PRODUCTION.

TABLE 2-C
AVERAGE WEEKLY EARNINGS OF PRODUCTION WORKERS (1)
SAN JOAQUIN VALLEY REGION
(IN DOLLARS PER WEEK)

INDUSTRY	SEP 1993	AUG 1993	SEP 1992
TOTAL AGRICULTURAL	285.79	267.41	255.33
TOTAL AGRICULTURAL PRODUCTION/CROPS	276.82	276.52	263.55
TOTAL FIELD CROPS	291.20	334.63	296.84
COTTON	292.60	333.81	297.99
OTHER FIELD CROPS	289.98	334.26	294.49
VEGETABLES AND MELONS	248.94	287.91	274.52
TOTAL FRUITS AND TREE NUTS	267.54	267.27	258.96
GRAPES	261.45	284.65	259.62
TREE NUTS	307.77	254.04	301.64
CITRUS FRUITS	238.60	272.16	260.91
DECIDUOUS TREE FRUIT	257.40	220.09	234.02
OTHER FRUITS AND NUTS	279.46	268.08	243.51
HORTICULTURAL SPECIALTIES	440.55	304.98	250.28
GENERAL FARM PRIMARILY CRDP	291.72	272.99	262.48
TOTAL AGRIC PRODUCTION/LIVESTOCK	346.08	371.41	344.86
BEEF CATTLE FEED LOTS	334.93	418.56	387.39
BEEF CATTLE EXCEPT FEED LOTS	349.96	369.84	319.85
DAIRY FARMS	353.78	384.62	348.49
POULTRY & EGGS	339.48	343.18	357.19
OTHER LIVESTOCK	291.46	316.20	313.75
TOTAL AGRICULTURAL SERVICES	288.23	243.81	233.75
CROP SERVICES	312.34	289.25	276.00
PLANT CULTIVATE & PROTECTION	329.29	379.70	341.64
HARVEST PRIMARILY BY MACHINE	389.96	347.90	323.58
PREPARATION SVCS FOR MARKET	296.49	262.54	255.08
COTTON GINNING	350.02	344.84	294.92
TOTAL FARM LABOR & MANAGEMENT	281.75	230.62	220.33
FARM LABOR CONTRACTORS	279.38	225.58	214.08
FARM MANAGEMENT SERVICES	307.85	290.93	303.83

(1) AVERAGE WEEKLY EARNINGS INCLUDE OVERTIME PAY AND PREMIUM WAGES. THESE ARE GROSS EARNINGS BEFORE DEDUCTIONS AND EXCLUDE THE VALUE OF HOUSING AND MEALS.

TABLE 2-D
AVERAGE HOURS WORKED BY PRODUCTION WORKERS (1)
SAN JOAQUIN VALLEY REGION
(IN HOURS PER WEEK)

INDUSTRY	SEP 1993	AUG 1993	SEP 1992
TOTAL AGRICULTURAL	45.8	43.2	40.4
TOTAL AGRICULTURAL PRODUCTION/CROPS	43.8	44.6	42.1
TOTAL FIELD CROPS	44.8	51.8	47.8
COTTON	42.1	50.5	46.2
OTHER FIELD CROPS	48.9	54.0	50.6
VEGETABLES AND MELONS	42.7	49.3	45.3
TOTAL FRUITS AND TREE NUTS	42.4	42.9	40.4
GRAPES	40.1	44.2	39.1
TREE NUTS	51.9	42.2	51.3
CITRUS FRUITS	33.7	39.5	36.8
DECIDUOUS TREE FRUIT	45.0	39.8	39.8
OTHER FRUITS AND NUTS	44.5	43.1	38.9
HORTICULTURAL SPECIALTIES	55.0	44.2	35.3
GENERAL FARM PRIMARILY CROP	46.9	44.9	45.1
TOTAL AGRIC PRODUCTION/LIVESTOCK	48.2	51.3	48.3
BEEF CATTLE FEED LOTS	48.4	54.5	55.5
BEEF CATTLE EXCEPT FEED LOTS	43.8	46.0	44.3
DAIRY FARMS	49.0	52.4	48.2
POULTRY & EGGS	46.0	48.2	49.2
OTHER LIVESTOCK	49.4	52.7	50.2
TOTAL AGRICULTURAL SERVICES	47.8	40.5	37.4
CROP SERVICES	43.2	42.6	40.0
PLANT CULTIVATE & PROTECTION	44.2	52.3	43.3
HARVEST PRIMARILY BY MACHINE	53.2	49.0	47.1
PREPARATION SVCS FOR MARKET	41.7	39.9	38.3
COTTON GINNING	40.7	41.2	36.5
TOTAL FARM LABOR & MANAGEMENT	49.0	39.9	36.6
FARM LABOR CONTRACTORS	49.1	39.3	35.8
FARM MANAGEMENT SERVICES	47.0	47.0	46.6

(1) AVERAGE HOURS ARE BASED ON FULL-TIME AND PART-TIME PRODUCTION WORKER DATA.

TABLE 2-E
AVERAGE HOURLY EARNINGS OF PRODUCTION WORKERS (1)
SAN JOAQUIN VALLEY REGION
(IN DOLLARS PER HOUR)

INDUSTRY	SEP 1993	AUG 1993	SEP 1992
TOTAL AGRICULTURAL	6.24	6.19	6.32
TOTAL AGRICULTURAL PRODUCTION/CROPS	6.32	6.20	6.26
TOTAL FIELD CROPS	6.50	6.46	6.21
COTTON	6.95	6.61	6.45
OTHER FIELD CROPS	5.93	6.19	5.82
VEGETABLES AND MELONS	5.83	5.84	6.06
TOTAL FRUITS AND TREE NUTS	6.31	6.23	6.41
GRAPES	6.52	6.44	6.64
TREE NUTS	5.93	6.02	5.88
CITRUS FRUITS	7.08	6.89	7.09
DECIDUOUS TREE FRUIT	5.72	5.53	5.88
OTHER FRUITS AND NUTS	6.28	6.22	6.26
HORTICULTURAL SPECIALTIES	8.01	6.90	7.09
GENERAL FARM PRIMARILY CROP	6.22	6.08	5.82
TOTAL AGRIC PRODUCTION/LIVESTOCK	7.18	7.24	7.14
BEEF CATTLE FEED LOTS	6.92	7.68	6.98
BEEF CATTLE EXCEPT FEED LOTS	7.99	8.04	7.22
DAIRY FARMS	7.22	7.34	7.23
POULTRY & EGGS	7.38	7.12	7.26
OTHER LIVESTOCK	5.90	6.00	6.25
TOTAL AGRICULTURAL SERVICES	6.03	6.02	6.25
CROP SERVICES	7.23	6.79	6.90
PLANT CULTIVATE & PROTECTION	7.45	7.26	7.89
HARVEST PRIMARILY BY MACHINE	7.33	7.10	6.87
PREPARATION SVCS FOR MARKET	7.11	6.58	6.66
COTTON GINNING	8.60	8.37	8.08
TOTAL FARM LABOR & MANAGEMENT	5.75	5.78	6.02
FARM LABOR CONTRACTORS	5.69	5.74	5.98
FARM MANAGEMENT SERVICES	6.55	6.19	6.52

(1) AVERAGE HOURLY EARNINGS ARE NOT HOURLY WAGE RATES; THEY ARE GROSS EARNINGS OF FULL-TIME AND PART-TIME PRODUCTION WORKERS DIVIDED BY TOTAL HOURS FOR PRODUCTION WORKERS.

SOUTH COAST

Wage and Salary Employment

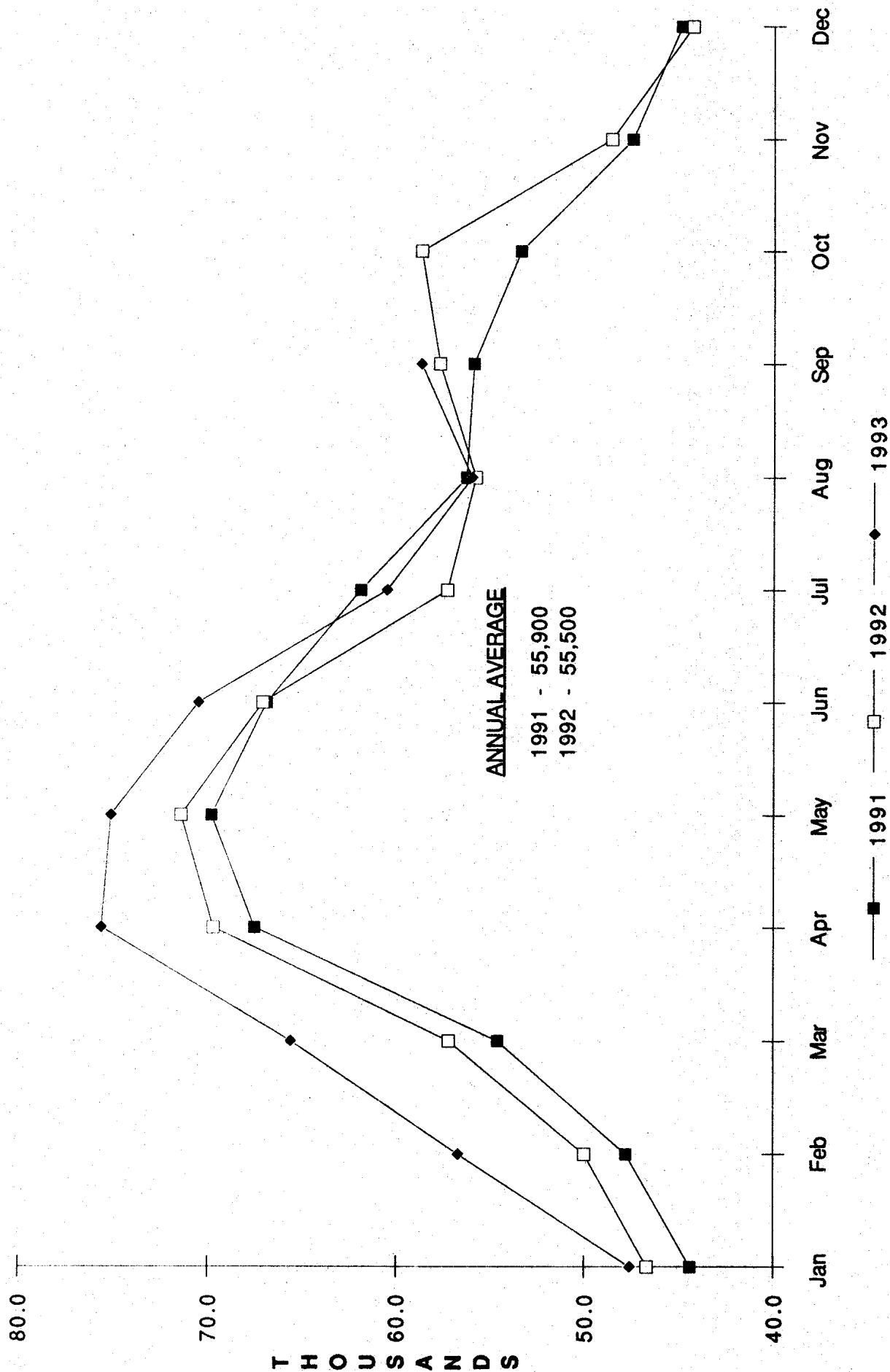


TABLE 3-A
WAGE AND SALARY WORKERS IN AGRICULTURAL ESTABLISHMENTS (1)
SOUTH COAST REGION
(IN THOUSANDS)

INDUSTRY	SEP 1993	AUG 1993	SEP 1992
TOTAL AGRICULTURAL	58.7	56.0	57.7
TOTAL AGRICULTURAL PRODUCTION/CROPS	40.0	38.2	38.3
VEGETABLES AND MELONS	7.1	7.1	7.7
TOTAL FRUITS AND TREE NUTS	10.3	9.6	9.9
BERRIES	3.7	3.6	4.4
CITRUS FRUITS	1.7	1.9	1.9
OTHER FRUITS AND NUTS	4.9	4.1	3.6
TOTAL HORTICULTURAL SPECIALTIES	14.4	14.5	15.0
ORNAMENTAL FLORAL & NURSERY	13.5	13.6	14.1
FOOD CROPS GROWN UNDER COVER	0.9	0.9	0.9
GENERAL FARM PRIMARILY CROP	8.2	7.0	5.7
TOTAL AGRIC PRODUCTION/LIVESTOCK	2.3	2.4	2.3
TOTAL AGRICULTURAL SERVICES	16.4	15.4	17.1
CROP SERVICES	4.5	4.5	4.5
HARVEST PRIMARILY BY MACHINE	1.7	1.7	2.0
PREPARATION SVCS FOR MARKET	2.8	2.8	2.5
TOTAL FARM LABOR & MANAGEMENT	11.9	10.9	12.6
FARM LABOR CONTRACTORS	9.7	8.7	10.9
FARM MANAGEMENT SERVICES	2.2	2.2	1.7

(1) WAGE AND SALARY WORKERS ARE ALL EMPLOYEES RECEIVING COMPENSATION FROM AGRICULTURAL EMPLOYERS.

TABLE 3-B
AGRICULTURAL PRODUCTION WORKERS (1)
SOUTH COAST REGION
(IN THOUSANDS)

INDUSTRY	SEP 1993	AUG 1993	SEP 1992
TOTAL AGRICULTURAL	52.7	50.2	51.6
TOTAL AGRICULTURAL PRODUCTION/CROPS	35.2	33.7	33.5
VEGETABLES AND MELONS	6.5	6.6	7.1
TOTAL FRUITS AND TREE NUTS	9.4	8.7	9.1
BERRIES	3.4	3.3	4.2
CITRUS FRUITS	1.4	1.6	1.6
OTHER FRUITS AND NUTS	4.6	3.8	3.3
TOTAL HORTICULTURAL SPECIALTIES	11.9	12.0	12.1
ORNAMENTAL FLORAL & NURSERY	11.1	11.2	11.4
FOOD CROPS GROWN UNDER COVER	0.8	0.8	0.7
GENERAL FARM PRIMARILY CROP	7.4	6.4	5.2
TOTAL AGRIC PRODUCTION/LIVESTOCK	2.0	2.0	1.8
TOTAL AGRICULTURAL SERVICES	15.5	14.5	16.3
CROP SERVICES	4.2	4.3	4.2
HARVEST PRIMARILY BY MACHINE	1.6	1.6	1.9
PREPARATION SVCS FOR MARKET	2.6	2.7	2.3
TOTAL FARM LABOR & MANAGEMENT	11.3	10.2	12.1
FARM LABOR CONTRACTORS	9.4	8.4	10.6
FARM MANAGEMENT SERVICES	1.9	1.8	1.5

(1) PRODUCTION WORKERS ARE EMPLOYEES ENGAGED IN COMMODITY PRODUCTION. EXCLUDED ARE MANAGERS, SUPERVISORS, OFFICE, SALES AND OTHER STAFF NOT INVOLVED IN PRODUCTION.

TABLE 3-C
AVERAGE WEEKLY EARNINGS OF PRODUCTION WORKERS (1)
SOUTH COAST REGION
(IN DOLLARS PER WEEK)

INDUSTRY	SEP 1993	AUG 1993	SEP 1992
TOTAL AGRICULTURAL	277.55	282.75	283.90
TOTAL AGRICULTURAL PRODUCTION/CROPS	287.55	295.50	305.64
VEGETABLES AND MELONS	319.87	322.46	317.86
TOTAL FRUITS AND TREE NUTS	263.09	279.09	291.87
BERRIES	237.22	263.65	281.24
CITRUS FRUITS	290.76	286.96	284.86
OTHER FRUITS AND NUTS	273.74	289.15	217.88
TOTAL HORTICULTURAL SPECIALTIES	295.78	293.54	306.70
ORNAMENTAL FLORAL & NURSERY	293.25	290.78	299.10
FOOD CROPS GROWN UNDER COVER	334.15	326.81	429.01
GENERAL FARM PRIMARILY CROP	278.14	294.86	310.43
TOTAL AGRIC PRODUCTION/LIVESTOCK	317.84	324.16	356.48
TOTAL AGRICULTURAL SERVICES	249.83	248.05	230.82
CROP SERVICES	321.44	293.80	273.10
HARVEST PRIMARILY BY MACHINE	307.44	258.47	273.80
PREPARATION SVCS FOR MARKET	329.79	314.11	272.79
TOTAL FARM LABOR & MANAGEMENT	223.06	229.16	216.76
FARM LABOR CONTRACTORS	199.80	207.67	212.48
FARM MANAGEMENT SERVICES	336.05	327.44	248.87

(1) AVERAGE WEEKLY EARNINGS INCLUDE OVERTIME PAY AND PREMIUM WAGES. THESE ARE GROSS EARNINGS BEFORE DEDUCTIONS AND EXCLUDE THE VALUE OF HOUSING AND MEALS.

TABLE 3-D
AVERAGE HOURS WORKED BY PRODUCTION WORKERS (1)
SOUTH COAST REGION
(IN HOURS PER WEEK)

INDUSTRY	SEP 1993	AUG 1993	SEP 1992
TOTAL AGRICULTURAL	41.8	43.5	42.5
TOTAL AGRICULTURAL PRODUCTION/CROPS	43.7	46.1	46.1
VEGETABLES AND MELONS	45.5	48.2	46.2
TOTAL FRUITS AND TREE NUTS	40.6	44.3	47.0
BERRIES	41.4	48.2	44.5
CITRUS FRUITS	42.2	39.8	39.4
OTHER FRUITS AND NUTS	39.5	42.9	40.2
TOTAL HORTICULTURAL SPECIALTIES	46.0	46.3	46.4
ORNAMENTAL FLORAL & NURSERY	46.4	46.6	46.3
FOOD CROPS GROWN UNDER COVER	40.7	40.8	47.3
GENERAL FARM PRIMARILY CROP	42.4	46.0	43.6
TOTAL AGRIC PRODUCTION/LIVESTOCK	43.9	45.4	48.7
TOTAL AGRICULTURAL SERVICES	37.4	37.3	34.4
CROP SERVICES	49.3	45.2	40.4
HARVEST PRIMARILY BY MACHINE	42.0	36.2	36.9
PREPARATION SVCS FOR MARKET	53.8	50.5	43.3
TOTAL FARM LABOR & MANAGEMENT	32.9	34.0	32.4
FARM LABOR CONTRACTORS	30.0	31.9	32.0
FARM MANAGEMENT SERVICES	47.0	43.6	35.3

(1) AVERAGE HOURS ARE BASED ON FULL-TIME AND PART-TIME PRODUCTION WORKER DATA.

TABLE 3-E
AVERAGE HOURLY EARNINGS OF PRODUCTION WORKERS (1)
SOUTH COAST REGION
(IN DOLLARS PER HOUR)

INDUSTRY	SEP 1993	AUG 1993	SEP 1992
TOTAL AGRICULTURAL	6.64	6.50	6.68
TOTAL AGRICULTURAL PRODUCTION/CROPS	6.58	6.41	6.63
VEGETABLES AND MELONS	7.03	6.69	6.88
TOTAL FRUITS AND TREE NUTS	6.48	6.30	6.21
BERRIES	5.73	5.47	6.32
CITRUS FRUITS	6.89	7.21	7.23
OTHER FRUITS AND NUTS	6.93	6.74	5.42
TOTAL HORTICULTURAL SPECIALTIES	6.43	6.34	6.61
ORNAMENTAL FLORAL & NURSERY	6.32	6.24	6.46
FOOD CROPS GROWN UNDER COVER	8.21	8.01	9.07
GENERAL FARM PRIMARILY CROP	6.56	6.41	7.12
TOTAL AGRIC PRODUCTION/LIVESTOCK	7.24	7.14	7.32
TOTAL AGRICULTURAL SERVICES	6.68	6.65	6.71
CROP SERVICES	6.52	6.50	6.76
HARVEST PRIMARILY BY MACHINE	7.32	7.14	7.42
PREPARATION SVCS FOR MARKET	6.13	6.22	6.30
TOTAL FARM LABOR & MANAGEMENT	6.78	6.74	6.69
FARM LABOR CONTRACTORS	6.66	6.51	6.64
FARM MANAGEMENT SERVICES	7.15	7.51	7.05

(1) AVERAGE HOURLY EARNINGS ARE NOT HOURLY WAGE RATES; THEY ARE GROSS EARNINGS OF FULL-TIME AND PART-TIME PRODUCTION WORKERS DIVIDED BY TOTAL HOURS FOR PRODUCTION WORKERS.

CENTRAL COAST

Wage and Salary Employment

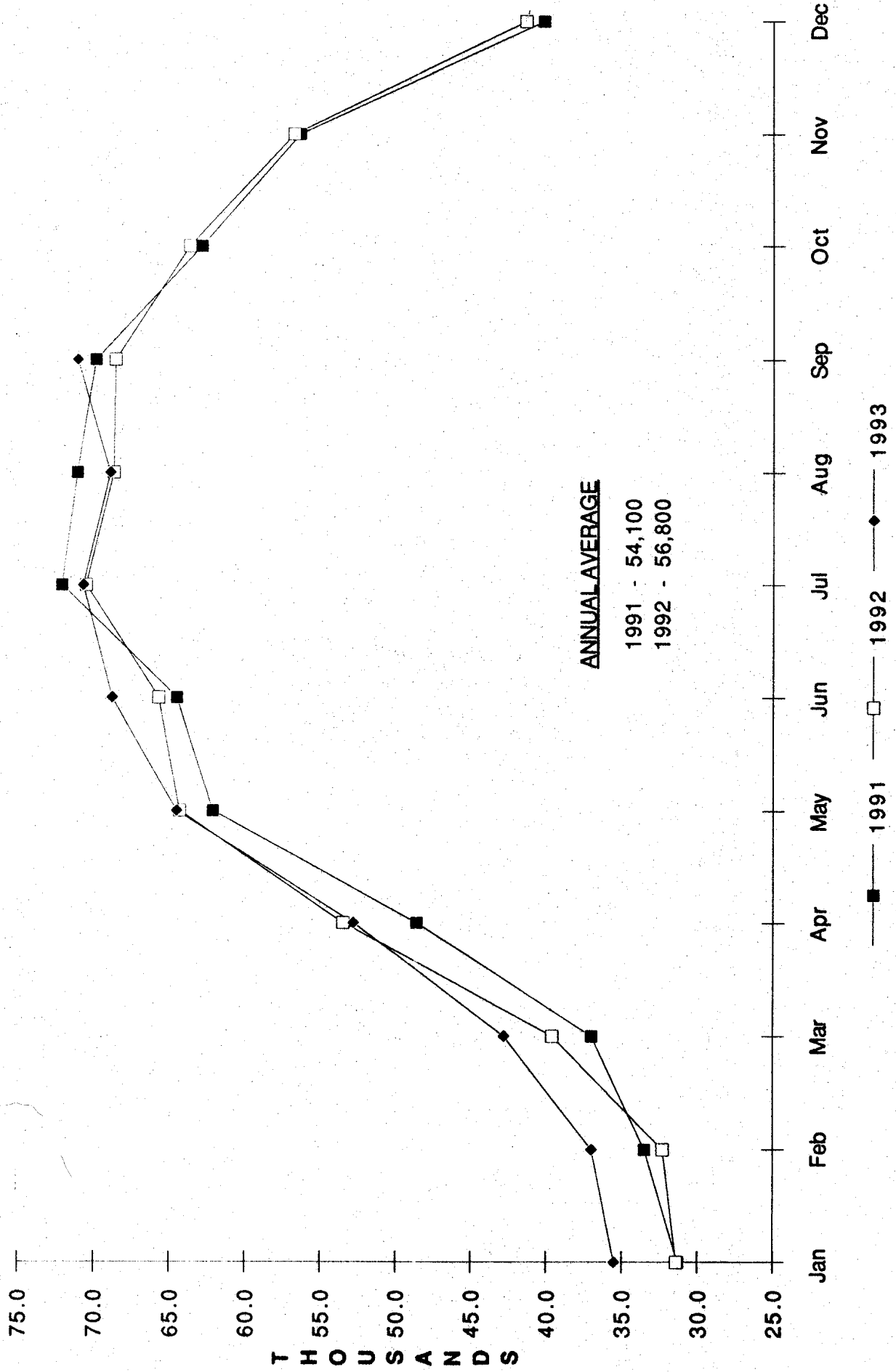


TABLE 4-A
WAGE AND SALARY WORKERS IN AGRICULTURAL ESTABLISHMENTS (1)
CENTRAL COAST REGION
(IN THOUSANDS)

INDUSTRY	SEP 1993	AUG 1993	SEP 1992
TOTAL AGRICULTURAL	71.1	69.8	68.6
TOTAL AGRICULTURAL PRODUCTION/CROPS	46.4	45.6	44.1
VEGETABLES AND MELONS	17.3	17.0	15.4
TOTAL FRUITS AND TREE NUTS	14.2	13.8	14.0
BERRIES	9.7	10.7	10.1
DECIDUOUS TREE FRUIT	2.1	1.4	1.9
OTHER FRUITS AND NUTS	2.4	1.7	2.0
TOTAL HORTICULTURAL SPECIALTIES	9.9	9.6	9.9
ORNAMENTAL FLORAL & NURSERY	7.8	7.5	7.8
FOOD CROPS GROWN UNDER COVER	2.1	2.1	2.1
GENERAL FARM PRIMARILY CROP	5.0	5.2	4.8
TOTAL AGRIC PRODUCTION/LIVESTOCK	1.0	1.0	1.1
TOTAL AGRICULTURAL SERVICES	23.7	23.2	23.4
CROP SERVICES	13.5	13.9	12.4
HARVEST PRIMARILY BY MACHINE	3.3	3.5	3.3
PREPARATION SVCS FOR MARKET	10.2	10.4	9.1
TOTAL FARM LABOR & MANAGEMENT	10.2	9.3	11.0

(1) WAGE AND SALARY WORKERS ARE ALL EMPLOYEES RECEIVING COMPENSATION FROM AGRICULTURAL EMPLOYERS.

TABLE 4-B
AGRICULTURAL PRODUCTION WORKERS (1)
CENTRAL COAST REGION
(IN THOUSANDS)

INDUSTRY	SEP 1993	AUG 1993	SEP 1992
TOTAL AGRICULTURAL	65.7	64.5	63.7
TOTAL AGRICULTURAL PRODUCTION/CROPS	42.4	41.5	40.4
VEGETABLES AND MELONS	16.0	15.7	14.2
TOTAL FRUITS AND TREE NUTS	13.7	13.3	13.6
BERRIES	9.5	10.5	9.9
DECIDUOUS TREE FRUIT	2.0	1.3	1.8
OTHER FRUITS AND NUTS	2.2	1.5	1.9
TOTAL HORTICULTURAL SPECIALTIES	8.3	7.9	8.3
ORNAMENTAL FLORAL & NURSERY	6.4	6.1	6.4
FOOD CROPS GROWN UNDER COVER	1.9	1.8	1.9
GENERAL FARM PRIMARILY CROP	4.4	4.6	4.3
TOTAL AGRIC PRODUCTION/LIVESTOCK	0.7	0.7	0.8
TOTAL AGRICULTURAL SERVICES	22.6	22.3	22.5
CROP SERVICES	12.4	13.0	11.5
HARVEST PRIMARILY BY MACHINE	3.1	3.4	3.0
PREPARATION SVCS FOR MARKET	9.3	9.6	8.5
TOTAL FARM LABOR & MANAGEMENT	10.2	9.3	11.0

(1) PRODUCTION WORKERS ARE EMPLOYEES ENGAGED IN COMMODITY PRODUCTION. EXCLUDED ARE MANAGERS, SUPERVISORS, OFFICE, SALES AND OTHER STAFF NOT INVOLVED IN PRODUCTION.

TABLE 4-C
AVERAGE WEEKLY EARNINGS OF PRODUCTION WORKERS (1)
CENTRAL COAST REGION
(IN DOLLARS PER WEEK)

INDUSTRY	SEP 1993	AUG 1993	SEP 1992
TOTAL AGRICULTURAL	307.33	305.73	304.88
TOTAL AGRICULTURAL PRODUCTION/CROPS	309.40	311.64	298.90
VEGETABLES AND MELONS	325.94	316.39	292.99
TOTAL FRUITS AND TREE NUTS	297.88	308.15	298.03
BERRIES	296.88	313.27	279.20
DECIDUOUS TREE FRUIT	291.48	248.53	309.29
OTHER FRUITS AND NUTS	306.50	322.00	387.34
TOTAL HORTICULTURAL SPECIALTIES	319.46	323.10	336.98
ORNAMENTAL FLORAL & NURSERY	302.60	313.45	326.17
FOOD CROPS GROWN UNDER COVER	378.46	354.47	373.67
GENERAL FARM PRIMARILY CROP	268.04	289.51	247.21
TOTAL AGRIC PRODUCTION/LIVESTOCK	315.66	306.23	300.46
TOTAL AGRICULTURAL SERVICES	304.19	294.06	316.13
CROP SERVICES	350.95	332.50	323.51
HARVEST PRIMARILY BY MACHINE	309.89	284.31	317.01
PREPARATION SVCS FOR MARKET	365.02	349.95	326.17
TOTAL FARM LABOR & MANAGEMENT	247.17	239.79	307.93

(1) AVERAGE WEEKLY EARNINGS INCLUDE OVERTIME PAY AND PREMIUM WAGES. THESE ARE GROSS EARNINGS BEFORE DEDUCTIONS AND EXCLUDE THE VALUE OF HOUSING AND MEALS.

TABLE 4-D
AVERAGE HOURS WORKED BY PRODUCTION WORKERS (1)
CENTRAL COAST REGION
(IN HOURS PER WEEK)

INDUSTRY	SEP 1993	AUG 1993	SEP 1992
TOTAL AGRICULTURAL	42.1	43.0	41.2
TOTAL AGRICULTURAL PRODUCTION/CROPS	43.7	45.1	42.7
VEGETABLES AND MELONS	43.0	43.7	39.7
TOTAL FRUITS AND TREE NUTS	44.0	46.2	43.7
BERRIES	46.1	47.9	43.9
DECIDUOUS TREE FRUIT	44.5	39.2	43.5
OTHER FRUITS AND NUTS	34.4	40.2	42.8
TOTAL HORTICULTURAL SPECIALTIES	45.9	45.7	45.6
ORNAMENTAL FLORAL & NURSERY	44.5	46.3	46.2
FOOD CROPS GROWN UNDER COVER	50.8	43.6	43.4
GENERAL FARM PRIMARILY CROP	41.3	46.1	43.6
TOTAL AGRIC PRODUCTION/LIVESTOCK	42.2	40.4	41.5
TOTAL AGRICULTURAL SERVICES	39.2	39.0	38.6
CROP SERVICES	39.7	38.0	37.1
HARVEST PRIMARILY BY MACHINE	38.4	35.1	42.1
PREPARATION SVCS FOR MARKET	40.2	39.1	35.3
TOTAL FARM LABOR & MANAGEMENT	38.5	40.3	40.2

(1) AVERAGE HOURS ARE BASED ON FULL-TIME AND PART-TIME PRODUCTION WORKER DATA.

TABLE 4-E
AVERAGE HOURLY EARNINGS OF PRODUCTION WORKERS (1)
CENTRAL COAST REGION
(IN DOLLARS PER HOUR)

INDUSTRY	SEP 1993	AUG 1993	SEP 1992
TOTAL AGRICULTURAL	7.30	7.11	7.40
TOTAL AGRICULTURAL PRODUCTION/CROPS	7.08	6.91	7.00
VEGETABLES AND MELONS	7.58	7.24	7.38
TOTAL FRUITS AND TREE NUTS	6.77	6.67	6.82
BERRIES	6.44	6.54	6.36
DECIDUOUS TREE FRUIT	6.55	6.34	7.11
OTHER FRUITS AND NUTS	8.91	8.01	9.05
TOTAL HORTICULTURAL SPECIALTIES	6.96	7.07	7.39
ORNAMENTAL FLORAL & NURSERY	6.80	6.77	7.06
FOOD CROPS GROWN UNDER COVER	7.45	8.13	8.61
GENERAL FARM PRIMARILY CROP	6.49	6.28	5.67
TOTAL AGRIC PRODUCTION/LIVESTOCK	7.48	7.58	7.24
TOTAL AGRICULTURAL SERVICES	7.76	7.54	8.19
CROP SERVICES	8.84	8.75	8.72
HARVEST PRIMARILY BY MACHINE	8.07	8.10	7.53
PREPARATION SVCS FOR MARKET	9.08	8.95	9.24
TOTAL FARM LABOR & MANAGEMENT	6.42	5.95	7.66

(1) AVERAGE HOURLY EARNINGS ARE NOT HOURLY WAGE RATES; THEY ARE GROSS EARNINGS OF FULL-TIME AND PART-TIME PRODUCTION WORKERS DIVIDED BY TOTAL HOURS FOR PRODUCTION WORKERS.

DESERT

Wage and Salary Employment

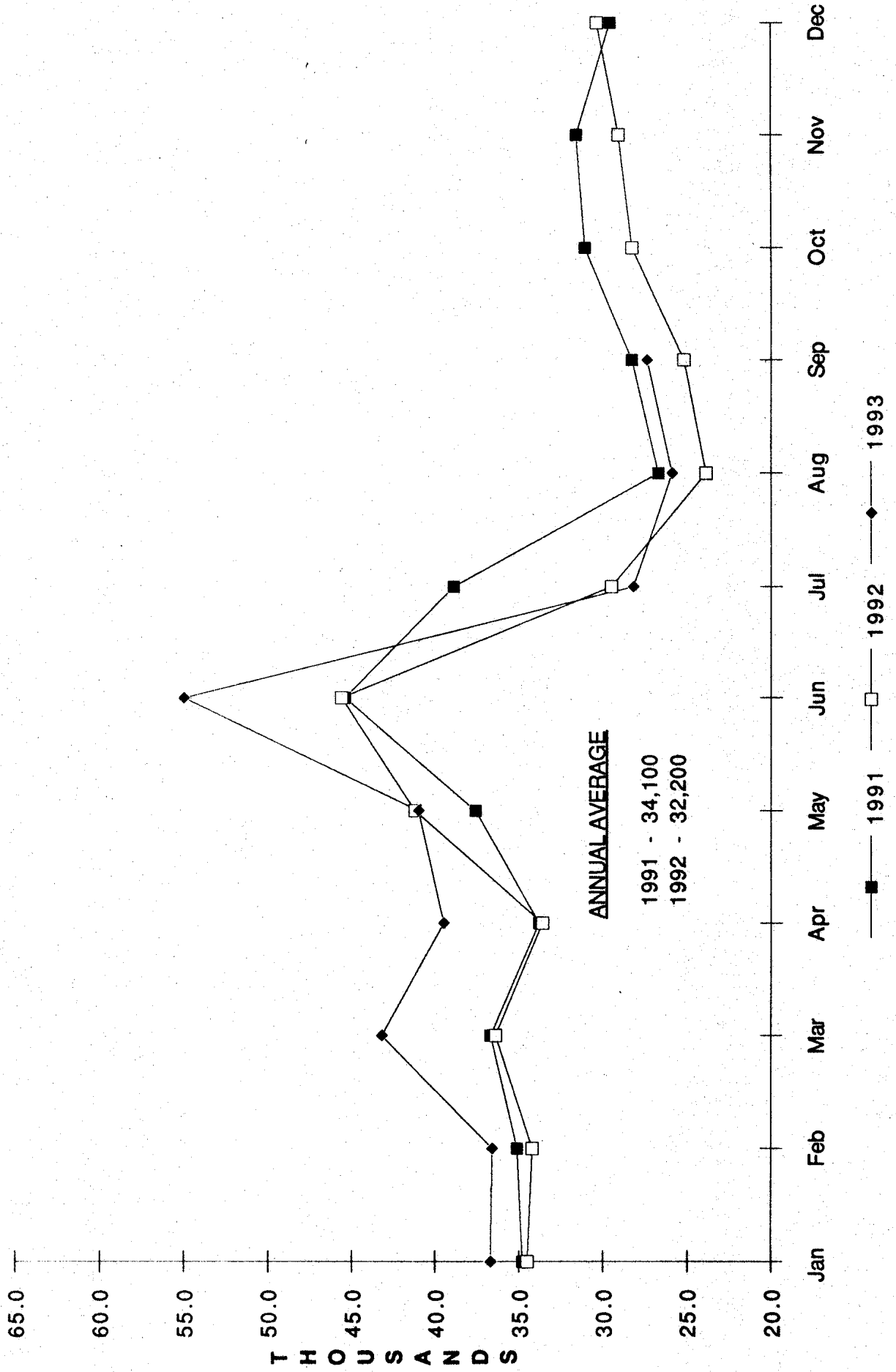


TABLE 5-A
WAGE AND SALARY WORKERS IN AGRICULTURAL ESTABLISHMENTS (1)
DESERT REGION
(IN THOUSANDS)

INDUSTRY	SEP 1993	AUG 1993	SEP 1992
TOTAL AGRICULTURAL	27.4	25.9	25.2
TOTAL AGRICULTURAL PRODUCTION/CROPS	11.0	9.6	9.0
FIELD CROPS	1.4	1.4	1.5
VEGETABLES AND MELONS	1.3	1.1	1.4
TOTAL FRUITS AND TREE NUTS	4.2	3.1	3.2
GRAPES	2.1	1.9	1.3
CITRUS FRUITS	0.8	0.5	0.8
OTHER FRUITS AND NUTS	1.3	0.7	1.1
HORTICULTURAL SPECIALTIES	0.8	0.8	0.9
GENERAL FARM PRIMARILY CROP	3.3	3.2	2.0
TOTAL AGRIC PRODUCTION/LIVESTOCK	5.4	5.3	5.4
DAIRY FARMS	2.5	2.5	2.6
CHICKEN EGGS	1.2	1.2	1.2
OTHER LIVESTOCK	1.7	1.6	1.6
TOTAL AGRICULTURAL SERVICES	11.0	11.0	10.8
CROP SERVICES	5.4	5.2	4.7
PLANT CULTIVATE & PROTECTION	0.7	0.7	0.7
HARVEST PRIMARILY BY MACHINE	0.8	0.8	0.8
PREPARATION SVCS FOR MARKET	3.9	3.7	3.2
TOTAL FARM LABOR & MANAGEMENT	5.6	5.8	6.1

(1) WAGE AND SALARY WORKERS ARE ALL EMPLOYEES RECEIVING COMPENSATION FROM AGRICULTURAL EMPLOYERS.

TABLE 5-B
AGRICULTURAL PRODUCTION WORKERS (1)
DESERT REGION
(IN THOUSANDS)

INDUSTRY	SEP 1993	AUG 1993	SEP 1992
TOTAL AGRICULTURAL	25.2	23.5	22.8
TOTAL AGRICULTURAL PRODUCTION/CROPS	10.0	8.5	8.0
FIELD CROPS	1.2	1.2	1.3
VEGETABLES AND MELONS	1.2	1.0	1.3
TOTAL FRUITS AND TREE NUTS	4.0	2.8	3.0
GRAPES	2.0	1.8	1.2
CITRUS FRUITS	0.8	0.4	0.7
OTHER FRUITS AND NUTS	1.2	0.6	1.1
HORTICULTURAL SPECIALTIES	0.6	0.6	0.7
GENERAL FARM PRIMARILY CROP	3.0	2.9	1.7
TOTAL AGRIC PRODUCTION/LIVESTOCK	4.7	4.6	4.7
DAIRY FARMS	2.3	2.3	2.5
CHICKEN EGGS	0.9	0.9	0.8
OTHER LIVESTOCK	1.5	1.4	1.4
TOTAL AGRICULTURAL SERVICES	10.5	10.4	10.1
CROP SERVICES	5.0	4.7	4.2
PLANT CULTIVATE & PROTECTION	0.6	0.6	0.5
HARVEST PRIMARILY BY MACHINE	0.7	0.7	0.7
PREPARATION SVCS FOR MARKET	3.7	3.4	3.0
TOTAL FARM LABOR & MANAGEMENT	5.5	5.7	5.9

(1) PRODUCTION WORKERS ARE EMPLOYEES ENGAGED IN COMMODITY PRODUCTION. EXCLUDED ARE MANAGERS, SUPERVISORS, OFFICE, SALES AND OTHER STAFF NOT INVOLVED IN PRODUCTION.

TABLE 5-C
AVERAGE WEEKLY EARNINGS OF PRODUCTION WORKERS (1)
DESERT REGION
(IN DOLLARS PER WEEK)

INDUSTRY	SEP 1993	AUG 1993	SEP 1992
TOTAL AGRICULTURAL	307.12	307.56	289.43
TOTAL AGRICULTURAL PRODUCTION/CROPS	304.58	315.02	285.29
FIELD CROPS	308.48	315.32	316.88
VEGETABLES AND MELONS	317.73	311.58	306.28
TOTAL FRUITS AND TREE NUTS	265.28	272.28	242.90
GRAPES	254.02	269.20	269.64
CITRUS FRUITS	363.48	287.64	265.30
OTHER FRUITS AND NUTS	220.99	270.67	196.70
HORTICULTURAL SPECIALTIES	301.95	347.77	273.56
GENERAL FARM PRIMARILY CROP	349.12	351.67	326.66
TOTAL AGRIC PRODUCTION/LIVESTOCK	391.07	432.30	387.53
DAIRY FARMS	471.55	521.91	455.53
CHICKEN EGGS	304.14	315.28	298.53
OTHER LIVESTOCK	318.96	354.47	319.38
TOTAL AGRICULTURAL SERVICES	272.12	245.36	246.14
CROP SERVICES	282.74	262.61	244.83
PLANT CULTIVATE & PROTECTION	327.14	317.50	323.38
HARVEST PRIMARILY BY MACHINE	322.61	201.47	197.16
PREPARATION SVCS FOR MARKET	267.90	266.07	243.21
TOTAL FARM LABOR & MANAGEMENT	262.40	231.86	247.27

(1) AVERAGE WEEKLY EARNINGS INCLUDE OVERTIME PAY AND PREMIUM WAGES. THESE ARE GROSS EARNINGS BEFORE DEDUCTIONS AND EXCLUDE THE VALUE OF HOUSING AND MEALS.

TABLE 5-D
AVERAGE HOURS WORKED BY PRODUCTION WORKERS (1)
DESERT REGION
(IN HOURS PER WEEK)

INDUSTRY	SEP 1993	AUG 1993	SEP 1992
TOTAL AGRICULTURAL	44.9	44.0	42.5
TOTAL AGRICULTURAL PRODUCTION/CROPS	46.5	46.6	44.3
FIELD CROPS	48.2	49.5	46.6
VEGETABLES AND MELONS	51.0	49.3	52.0
TOTAL FRUITS AND TREE NUTS	40.5	40.7	37.6
GRAPES	37.8	40.0	42.0
CITRUS FRUITS	46.6	42.3	34.1
OTHER FRUITS AND NUTS	41.0	41.9	35.0
HORTICULTURAL SPECIALTIES	40.1	44.7	38.1
GENERAL FARM PRIMARILY CROP	53.3	50.6	51.2
TOTAL AGRIC PRODUCTION/LIVESTOCK	48.4	52.4	48.2
DAIRY FARMS	51.2	55.7	47.9
CHICKEN EGGS	48.2	51.6	49.1
OTHER LIVESTOCK	44.3	47.2	48.1
TOTAL AGRICULTURAL SERVICES	41.8	38.1	38.4
CROP SERVICES	43.7	42.7	38.8
PLANT CULTIVATE & PROTECTION	57.9	55.8	53.1
HARVEST PRIMARILY BY MACHINE	42.9	35.1	31.0
PREPARATION SVCS FOR MARKET	41.6	42.1	38.3
TOTAL FARM LABOR & MANAGEMENT	40.0	34.4	38.1

(1) AVERAGE HOURS ARE BASED ON FULL-TIME AND PART-TIME PRODUCTION WORKER DATA.

TABLE 5-E
AVERAGE HOURLY EARNINGS OF PRODUCTION WORKERS (1)
DESERT REGION
(IN DOLLARS PER HOUR)

INDUSTRY	SEP 1993	AUG 1993	SEP 1992
TOTAL AGRICULTURAL	6.84	6.99	6.81
TOTAL AGRICULTURAL PRODUCTION/CROPS	6.55	6.76	6.44
FIELD CROPS	6.40	6.37	6.80
VEGETABLES AND MELONS	6.23	6.32	5.89
TOTAL FRUITS AND TREE NUTS	6.55	6.69	6.46
GRAPES	6.72	6.73	6.42
CITRUS FRUITS	7.80	6.80	7.78
OTHER FRUITS AND NUTS	5.39	6.46	5.62
HORTICULTURAL SPECIALTIES	7.53	7.78	7.18
GENERAL FARM PRIMARILY CROP	6.55	6.95	6.38
TOTAL AGRIC PRODUCTION/LIVESTOCK	8.08	8.25	8.04
DAIRY FARMS	9.21	9.37	9.51
CHICKEN EGGS	6.31	6.11	6.08
OTHER LIVESTOCK	7.20	7.51	6.64
TOTAL AGRICULTURAL SERVICES	6.51	6.44	6.41
CROP SERVICES	6.47	6.15	6.31
PLANT CULTIVATE & PROTECTION	5.65	5.69	6.09
HARVEST PRIMARILY BY MACHINE	7.52	5.74	6.36
PREPARATION SVCS FOR MARKET	6.44	6.32	6.35
TOTAL FARM LABOR & MANAGEMENT	6.56	6.74	6.49

(1) AVERAGE HOURLY EARNINGS ARE NOT HOURLY WAGE RATES; THEY ARE GROSS EARNINGS OF FULL-TIME AND PART-TIME PRODUCTION WORKERS DIVIDED BY TOTAL HOURS FOR PRODUCTION WORKERS.

SACRAMENTO

Wage and Salary Employment

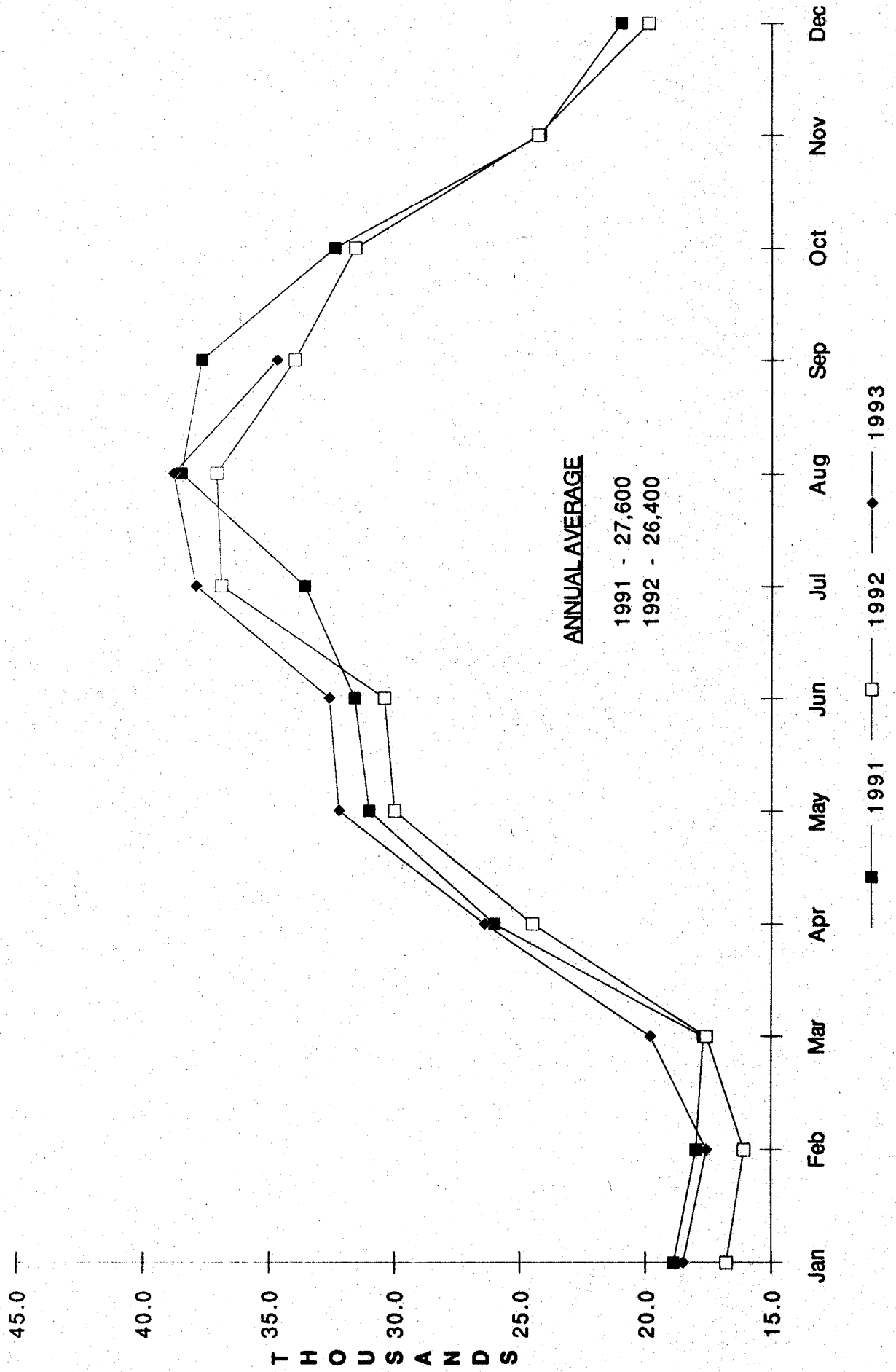


TABLE 6-A
WAGE AND SALARY WORKERS IN AGRICULTURAL ESTABLISHMENTS (1)
SACRAMENTO VALLEY REGION
(IN THOUSANDS)

INDUSTRY	SEP 1993	AUG 1993	SEP 1992
TOTAL AGRICULTURAL	34.7	38.8	34.0
TOTAL AGRICULTURAL PRODUCTION/CROPS	25.5	28.1	24.7
RICE	1.7	1.5	1.5
VEGETABLES AND MELONS	2.7	3.1	2.7
TOTAL FRUIT AND TREE NUTS	11.3	12.9	11.1
TREE NUTS	2.5	1.9	2.8
DECIDUOUS TREE FRUIT	5.9	8.7	5.5
OTHER FRUITS AND NUTS	2.9	2.3	2.8
HORTICULTURAL SPECIALTIES	1.6	1.9	1.5
GENERAL FARM PRIMARILY CROP	8.2	8.7	7.9
TOTAL AGRIC PRODUCTION/LIVESTOCK	2.1	2.2	2.2
TOTAL AGRICULTURAL SERVICES	7.1	8.5	7.1
CROP SERVICES	2.9	3.0	3.0
HARVEST PRIMARILY BY MACHINE	1.3	1.4	1.3
PREPARATION SVCS FOR MARKET	1.6	1.6	1.7
TOTAL FARM LABOR & MANAGEMENT	4.2	5.5	4.1

(1) WAGE AND SALARY WORKERS ARE ALL EMPLOYEES RECEIVING COMPENSATION FROM AGRICULTURAL EMPLOYERS.

TABLE 6-B
AGRICULTURAL PRODUCTION WORKERS (1)
SACRAMENTO VALLEY REGION
(IN THOUSANDS)

INDUSTRY	SEP 1993	AUG 1993	SEP 1992
TOTAL AGRICULTURAL	32.0	35.8	31.0
TOTAL AGRICULTURAL PRODUCTION/CROPS	23.5	25.9	22.7
RICE	1.5	1.3	1.3
VEGETABLES AND MELONS	2.6	2.9	2.5
TOTAL FRUIT AND TREE NUTS	10.5	12.1	10.3
TREE NUTS	2.4	1.7	2.7
DECIDUOUS TREE FRUIT	5.4	8.3	5.0
OTHER FRUITS AND NUTS	2.7	2.1	2.6
HORTICULTURAL SPECIALTIES	1.3	1.5	1.2
GENERAL FARM PRIMARILY CROP	7.6	8.1	7.4
TOTAL AGRIC PRODUCTION/LIVESTOCK	1.9	1.9	1.9
TOTAL AGRICULTURAL SERVICES	6.6	8.0	6.4
CROP SERVICES	2.4	2.6	2.4
HARVEST PRIMARILY BY MACHINE	1.1	1.2	1.0
PREPARATION SVCS FOR MARKET	1.3	1.4	1.4
TOTAL FARM LABOR & MANAGEMENT	4.2	5.4	4.0

(1) PRODUCTION WORKERS ARE EMPLOYEES ENGAGED IN COMMODITY PRODUCTION. EXCLUDED ARE MANAGERS, SUPERVISORS, OFFICE, SALES AND OTHER STAFF NOT INVOLVED IN PRODUCTION.

TABLE 6-C
AVERAGE WEEKLY EARNINGS OF PRODUCTION WORKERS (1)
SACRAMENTO VALLEY REGION
(IN DOLLARS PER WEEK)

INDUSTRY	SEP 1993	AUG 1993	SEP 1992
TOTAL AGRICULTURAL	298.63	274.67	285.79
TOTAL AGRICULTURAL PRODUCTION/CROPS	308.21	284.28	288.61
RICE	366.91	346.56	339.04
VEGETABLES AND MELONS	397.94	371.38	382.96
TOTAL FRUIT AND TREE NUTS	264.74	233.64	260.22
TREE NUTS	316.50	286.70	314.63
DECIDUOUS TREE FRUIT	260.04	233.96	253.17
OTHER FRUITS AND NUTS	227.90	191.17	218.57
HORTICULTURAL SPECIALTIES	318.34	323.54	272.06
GENERAL FARM PRIMARILY CROP	323.75	309.55	290.85
TOTAL AGRIC PRODUCTION/LIVESTOCK	281.59	317.15	303.27
TOTAL AGRICULTURAL SERVICES	270.24	237.15	268.70
CROP SERVICES	282.30	273.91	314.81
HARVEST PRIMARILY BY MACHINE	257.00	300.04	339.14
PREPARATION SVCS FOR MARKET	303.46	252.72	296.84
TOTAL FARM LABOR & MANAGEMENT	263.41	218.88	240.67

(1) AVERAGE WEEKLY EARNINGS INCLUDE OVERTIME PAY AND PREMIUM WAGES. THESE ARE GROSS EARNINGS BEFORE DEDUCTIONS AND EXCLUDE THE VALUE OF HOUSING AND MEALS.

TABLE 6-D
AVERAGE HOURS WORKED BY PRODUCTION WORKERS (1)
SACRAMENTO VALLEY REGION
(IN HOURS PER WEEK)

INDUSTRY	SEP 1993	AUG 1993	SEP 1992
TOTAL AGRICULTURAL	48.4	45.4	45.8
TOTAL AGRICULTURAL PRODUCTION/CROPS	49.0	46.3	46.4
RICE	47.9	48.0	46.7
VEGETABLES AND MELONS	55.5	56.1	56.4
TOTAL FRUIT AND TREE NUTS	45.1	39.4	42.8
TREE NUTS	50.0	47.0	50.1
DECIDUOUS TREE FRUIT	44.0	38.8	40.9
OTHER FRUITS AND NUTS	43.0	35.8	39.1
HORTICULTURAL SPECIALTIES	44.9	48.8	41.6
GENERAL FARM PRIMARILY CROP	52.9	52.2	48.8
TOTAL AGRIC PRODUCTION/LIVESTOCK	42.6	49.4	46.3
TOTAL AGRICULTURAL SERVICES	48.0	41.9	43.2
CROP SERVICES	39.1	40.4	42.6
HARVEST PRIMARILY BY MACHINE	36.3	42.2	44.8
PREPARATION SVCS FOR MARKET	41.4	39.0	41.0
TOTAL FARM LABOR & MANAGEMENT	53.0	42.5	43.6

(1) AVERAGE HOURS ARE BASED ON FULL-TIME AND PART-TIME PRODUCTION WORKER DATA.

TABLE 6-E
AVERAGE HOURLY EARNINGS OF PRODUCTION WORKERS (1)
SACRAMENTO VALLEY REGION
(IN DOLLARS PER HOUR)

INDUSTRY	SEP 1993	AUG 1993	SEP 1992
TOTAL AGRICULTURAL	6.17	6.05	6.24
TOTAL AGRICULTURAL PRODUCTION/CROPS	6.29	6.14	6.22
RICE	7.66	7.22	7.26
VEGETABLES AND MELONS	7.17	6.62	6.79
TOTAL FRUIT AND TREE NUTS	5.87	5.93	6.08
TREE NUTS	6.33	6.10	6.28
DECIDUOUS TREE FRUIT	5.91	6.03	6.19
OTHER FRUITS AND NUTS	5.30	5.34	5.59
HORTICULTURAL SPECIALTIES	7.09	6.63	6.54
GENERAL FARM PRIMARILY CROP	6.12	5.93	5.96
TOTAL AGRIC PRODUCTION/LIVESTOCK	6.61	6.42	6.55
TOTAL AGRICULTURAL SERVICES	5.63	5.66	6.22
CROP SERVICES	7.22	6.78	7.39
HARVEST PRIMARILY BY MACHINE	7.08	7.11	7.57
PREPARATION SVCS FOR MARKET	7.33	6.48	7.24
TOTAL FARM LABOR & MANAGEMENT	4.97	5.15	5.52

(1) AVERAGE HOURLY EARNINGS ARE NOT HOURLY WAGE RATES; THEY ARE GROSS EARNINGS OF FULL-TIME AND PART-TIME PRODUCTION WORKERS DIVIDED BY TOTAL HOURS FOR PRODUCTION WORKERS.

NORTH COAST

Wage and Salary Employment

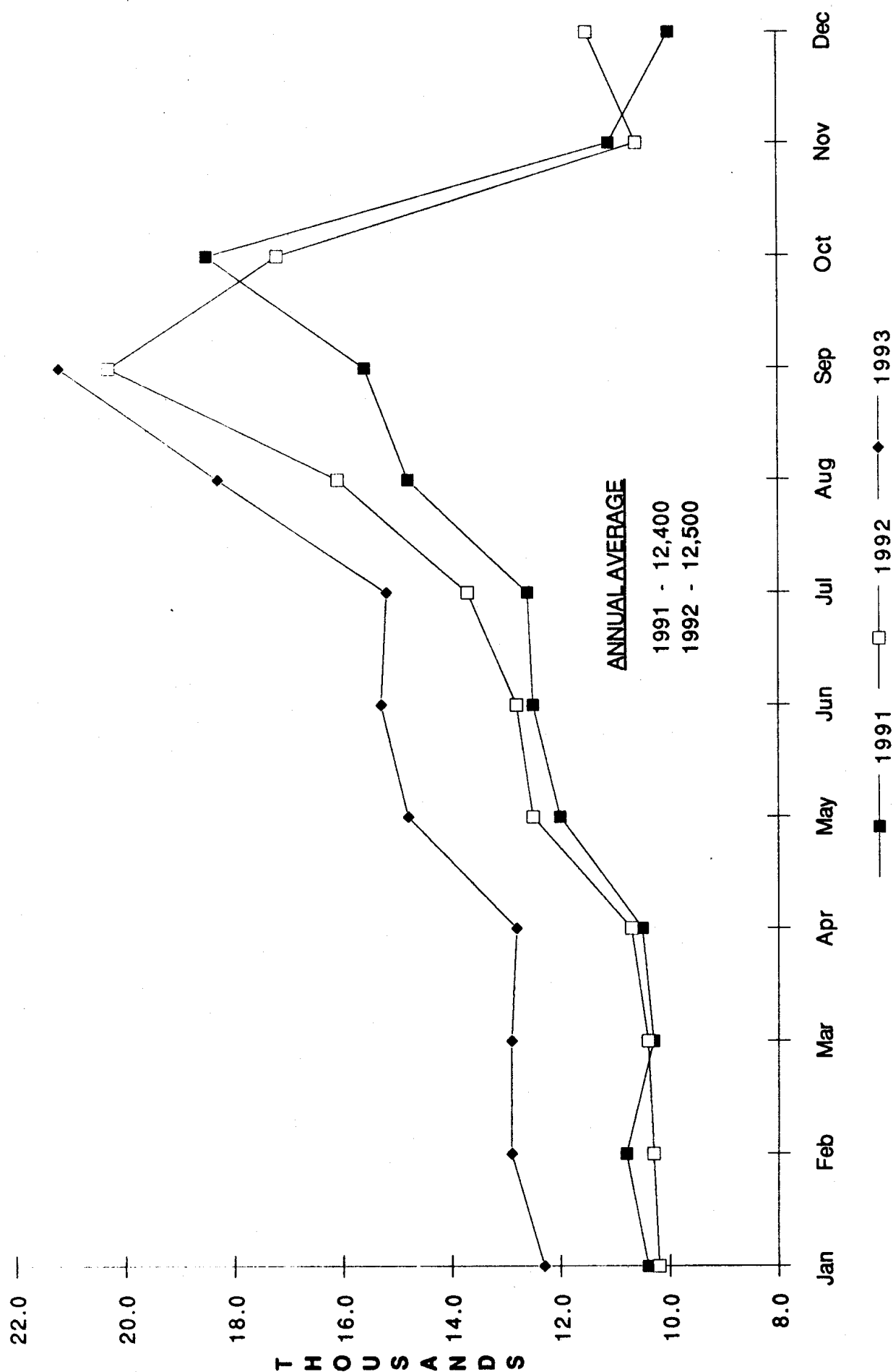


TABLE 7-A
WAGE AND SALARY WORKERS IN AGRICULTURAL ESTABLISHMENTS (1)
NORTH COAST REGION
(IN THOUSANDS)

INDUSTRY	SEP 1993	AUG 1993	SEP 1992
TOTAL AGRICULTURAL	21.2	18.3	20.3
TOTAL AGRICULTURAL PRODUCTION/CROPS	15.9	13.4	15.3
TOTAL FRUITS AND TREE NUTS	13.2	10.9	13.1
GRAPES	11.0	6.6	11.1
OTHER FRUITS AND NUTS	2.2	4.3	2.0
TOTAL HORTICULTURAL SPECIALTIES	1.8	1.7	1.4
GENERAL FARM PRIMARILY CROP (2)	0.9	0.8	0.8
TOTAL AGRIC PRODUCTION/LIVESTOCK	2.0	2.0	2.0
TOTAL AGRICULTURAL SERVICES	3.3	2.9	3.0

- (1) WAGE AND SALARY WORKERS ARE ALL EMPLOYEES RECEIVING COMPENSATION FROM AGRICULTURAL EMPLOYERS.
- (2) INSUFFICIENT SAMPLE TO SUPPORT PRODUCTION WORKER, HOURS, OR EARNINGS ESTIMATES.

TABLE 7-B
 AGRICULTURAL PRODUCTION WORKERS (1)
 NORTH COAST REGION
 (IN THOUSANDS)

INDUSTRY	SEP 1993	AUG 1993	SEP 1992
TOTAL AGRICULTURAL	18.1	15.4	17.7
TOTAL AGRICULTURAL PRODUCTION/CROPS	13.4	10.9	13.2
TOTAL FRUITS AND TREE NUTS	11.1	8.8	11.4
GRAPES	9.0	4.6	9.6
OTHER FRUITS AND NUTS	2.1	4.2	1.8
TOTAL HORTICULTURAL SPECIALTIES	1.4	1.3	1.1
TOTAL AGRIC PRODUCTION/LIVESTOCK	1.7	1.8	1.7
TOTAL AGRICULTURAL SERVICES	3.0	2.7	2.8

(1) PRODUCTION WORKERS ARE EMPLOYEES ENGAGED IN COMMODITY PRODUCTION. EXCLUDED ARE MANAGERS, SUPERVISORS, OFFICE, SALES AND OTHER STAFF NOT INVOLVED IN PRODUCTION.

TABLE 7-C
AVERAGE WEEKLY EARNINGS OF PRODUCTION WORKERS (1)
NORTH COAST REGION
(IN DOLLARS PER WEEK)

INDUSTRY	SEP 1993	AUG 1993	SEP 1992
TOTAL AGRICULTURAL	285.30	304.63	301.50
TOTAL AGRICULTURAL PRODUCTION/CROPS	283.76	304.29	305.47
TOTAL FRUITS AND TREE NUTS	280.49	304.80	307.71
GRAPES	287.62	305.11	312.27
OTHER FRUITS AND NUTS	250.58	306.01	284.05
TOTAL HORTICULTURAL SPECIALTIES	284.90	287.92	308.35
TOTAL AGRIC PRODUCTION/LIVESTOCK	303.91	336.29	299.38
TOTAL AGRICULTURAL SERVICES	282.01	286.12	284.11

(1) AVERAGE WEEKLY EARNINGS INCLUDE OVERTIME PAY AND PREMIUM WAGES. THESE ARE GROSS EARNINGS BEFORE DEDUCTIONS AND EXCLUDE THE VALUE OF HOUSING AND MEALS.

TABLE 7-D
AVERAGE HOURS WORKED BY PRODUCTION WORKERS (1)
NORTH COAST REGION
(IN HOURS PER WEEK)

INDUSTRY	SEP 1993	AUG 1993	SEP 1992
TOTAL AGRICULTURAL	37.1	41.0	40.2
TOTAL AGRICULTURAL PRODUCTION/CROPS	36.9	41.4	40.3
TOTAL FRUITS AND TREE NUTS	34.8	40.0	39.4
GRAPES	34.2	37.3	38.6
OTHER FRUITS AND NUTS	37.4	43.1	43.3
TOTAL HORTICULTURAL SPECIALTIES	40.7	40.1	43.8
TOTAL AGRIC PRODUCTION/LIVESTOCK	45.7	49.6	46.2
TOTAL AGRICULTURAL SERVICES	33.1	33.9	36.1

(1) AVERAGE HOURS ARE BASED ON FULL-TIME AND PART-TIME PRODUCTION WORKER DATA.

TABLE 7-E
AVERAGE HOURLY EARNINGS OF PRODUCTION WORKERS (1)
NORTH COAST REGION
(IN DOLLARS PER HOUR)

INDUSTRY	SEP 1993	AUG 1993	SEP 1992
TOTAL AGRICULTURAL	7.69	7.43	7.50
TOTAL AGRICULTURAL PRODUCTION/CROPS	7.69	7.35	7.58
TOTAL FRUITS AND TREE NUTS	8.06	7.62	7.81
GRAPES	8.41	8.18	8.09
OTHER FRUITS AND NUTS	6.70	7.10	6.56
TOTAL HORTICULTURAL SPECIALTIES	7.00	7.18	7.04
TOTAL AGRIC PRODUCTION/LIVESTOCK	6.65	6.78	6.48
TOTAL AGRICULTURAL SERVICES	8.52	8.44	7.87

(1) AVERAGE HOURLY EARNINGS ARE NOT HOURLY WAGE RATES; THEY ARE GROSS EARNINGS OF FULL-TIME AND PART-TIME PRODUCTION WORKERS DIVIDED BY TOTAL HOURS FOR PRODUCTION WORKERS.